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<210> 883

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46

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51

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51

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<223> Accession number cg43967912

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<223> Accession number cg43250373

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<210> 1066
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<223> Accession number cg43969125

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<400> 1068

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51

<210> 1069

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<212> DNA

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<223> Accession number cg43972161

<400> 1069

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50

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<210> 1073
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<400> 1074
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<210> 1077
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 <210> 1078
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<210> 1084

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<223> Accession number cg43966234

<400> 1085

ttttcattga tataaatact tgtactatga ttgtacttc tgctgtgaga

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<400> 1087
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<223> Accession number cg43976826

<400> 1103

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51

<210> 1104

<211> 50

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<213> Homo sapiens

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<223> Accession number cg43976826

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<400> 1112
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<210> 1117
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<210> 1121
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<223> Accession number cg42558238

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caccgccaca tggcttcctc ctgcgtgcat gtgcgcacac acacacacac a 51

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<400> 1123
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<223> Accession number cg43994411

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<210> 1128
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<223> Accession number cg42201364

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<223> Accession number cg43917054

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<210> 1194

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<210> 1196
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tctgcgggag ggaggagcag acggggttagc accgttaatc tcgagggtct 50

<210> 1197
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<210> 1199
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<210> 1200
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<210> 1203
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<210> 1206

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<223> Accession number cg43049885

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<210> 1208
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<210> 1224
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<210> 1226
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<210> 1227
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cttcctctt gggaatgtca aagtggaaga tgcagaaacc tgggcgaaca a 51

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<400> 1232
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<210> 1233
<211> 51

<212> DNA

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<223> Accession number cg44028879

<400> 1233

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51

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<211> 51

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<223> Accession number cg44028879

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<210> 1235

<211> 51

<212> DNA

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<223> Accession number cg44028879

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<210> 1239
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<400> 1239
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<210> 1240
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 <400> 1243
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 <210> 1244
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<223> Accession number cg2752665

<400> 1244

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<210> 1245

<211> 50

<212> DNA

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<223> Nucleotide deleted between bases 25 and 26

<221> misc_feature

<222> (0)...(0)

<223> Accession number cg43931046

<400> 1245

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<210> 1246

<211> 51

<212> DNA

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<223> Accession number cg43931046

<400> 1246

aattgtatat tcagtttaac agaaaaaaaaa gaatatttgt cttaagatgc a

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<210> 1247

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<221> misc_feature
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tggcctgggc tgcgaccggg gagcacgact attctttggc cgggtcgggtg c 51

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<223> Accession number cg43920512

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<210> 1249
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gtgtacagtt ttttaacttag gtttttaatt ttacaatcat ttctgaatac a 51

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<210> 1267
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<400> 1272

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<400> 1273

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<400> 1280
aaaatgcagg ccctggctca gtcacaagga aggggggtgct ccgaggcctt t 51

<210> 1281
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<210> 1282
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<400> 1282
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51

<210> 1283
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51

<210> 1284
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<400> 1284
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51

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<400> 1285
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<210> 1290

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51

<210> 1291

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<212> DNA

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<210> 1292

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 <210> 1293
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<223> Accession number cg43967318

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ggcacagtgc tgggaacact aggcccttcg ggacaaacca ggccttaag

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<210> 1296

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<212> DNA

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<223> Accession number cg43967318

<400> 1296

gcacagtgct gggaacacta ggcccttcgg gacaaaccag ggccttaagg

50

<210> 1297

<211> 50

<212> DNA

<213> Homo sapiens

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<223> Nucleotide deleted between bases 25 and 26

<221> misc_feature

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<223> Accession number cg43967318

<400> 1297

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<210> 1298

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<223> Accession number cg43967318

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<210> 1299
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<210> 1300
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50

<210> 1303
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acaataagta gctttttgtc ttacacatta gtgcactgaa aaaaaatact a

51

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<400> 1304
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50

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<210> 1307
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<210> 1308
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<210> 1314

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<210> 1325

<211> 50

<212> DNA

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<221> misc_feature

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<223> Accession number cg43259523

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<210> 1334
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<210> 1335
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<210> 1336
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51

<210> 1338
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51

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<223> Accession number cg43998926

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 <223> Accession number cg43998926

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 <223> Accession number cg43998926

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<210> 1347
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<223> Accession number cg43255016

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<210> 1350

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51

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51

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<221> misc_feature
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<210> 1357
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<210> 1358
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<223> Accession number cg44000219

<400> 1358
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<210> 1359
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<223> Accession number cg43104003

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<210> 1360
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<400> 1360
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<210> 1361
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<210> 1362
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 <223> Accession number cg43990226

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 <210> 1363
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 <210> 1364
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cccaatggag actttctgat gcatcatttt ctttgctgtg ccaaagcagg t

51

<210> 1367
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<212> DNA
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51

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<223> Accession number cg43955901

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<210> 1427

<211> 49

<212> DNA

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<223> single nucleotide polymorphism

<221> misc_feature

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<223> Accession number cg43955901

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<210> 1429
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<210> 1430
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<223> Accession number cg44922718

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<223> Accession number cg44922718

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50

<210> 1433

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<212> DNA

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<400> 1433

aggatgttaa tggagtaatg actgtctact ggccaggcga tgggatcagt

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<210> 1434

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<212> DNA

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cgatgggatc agtagtgaat tcagtcttaa aaacaaatgt acaaacctct 50

<210> 1435
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<210> 1436
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<210> 1438
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51

<210> 1439
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<400> 1439
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50

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<400> 1440
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50

<210> 1441
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<212> DNA
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<400> 1441
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<400> 1442
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<210> 1443
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<210> 1444
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<221> misc_feature

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<223> Accession number cg43920744

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51

<210> 1445

<211> 51

<212> DNA

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<223> Accession number cg43920744

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aatgaactta cttccattcc ctaaaattgc atgttgaatg aacagaatcc c

51

<210> 1446

<211> 51

<212> DNA

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<223> Accession number cg43920744

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51

<210> 1447

<211> 51

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<223> Accession number cg43920744

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51

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<210> 1449
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<210> 1451
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<223> Accession number cg43327954

<400> 1451

aactgaagca ggccttgaag ctttgccccc ttgaggacaa gaaacccgag g

51

<210> 1452

<211> 51

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<223> Accession number cg43327954

<400> 1452

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51

<210> 1453

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<221> misc_feature

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<223> Accession number cg43936210

<400> 1453

taaaatcagt ggtggaagag ccgaagttcg tatgagcgag gatgattccc

50

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<222> (0)...(0)

<223> Accession number cg43936210

<400> 1454

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<210> 1458
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 <223> Accession number cg43917203

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<210> 1459
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<400> 1459
 cacagaacta ttgtaaaaca atattctcag tcggtgatca ttgtaatata c 51

<210> 1460
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<400> 1460
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<210> 1461
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<210> 1462
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<400> 1462
agagaaagaa aaccaaaga agtccgctac agtgacctgc aacgcgcgca 50

<210> 1463
<211> 51
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<400> 1463
taaagaacaa tacttttttt ttttttcaca agtgtttaaa aatcgtttat t 51

<210> 1464
<211> 51
<212> DNA
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<223> Accession number cg43971258

<400> 1464
cagaaagtca ccttcctgta aaaaaaggta caaacctat atactctatt a 51

<210> 1465
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 <223> Accession number cg43971258

<400> 1465
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50

<210> 1466
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<400> 1466
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51

<210> 1467
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<400> 1467
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51

<210> 1468
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cttttgaagg aaaaggcaga ggcattttta cattatcoca gaaaacagaa t

51

<210> 1469

<211> 51

<212> DNA

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51

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<212> DNA

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<223> Accession number cg43932150

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<212> DNA

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<221> misc_feature

<222> (0)...(0)

<223> Accession number cg43923118

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gctgctccat ggtgaaaacc gacagccgcc gaggcacgct ccgggctccg

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<210> 1472

<211> 50

<212> DNA

<213> Homo sapiens

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ggtgaaaacc gacaggocgc cgaggacgct ccgggctccg agctgggggc

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<210> 1473

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<212> DNA

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<223> Accession number cg43923118

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45

<210> 1474

<211> 50

<212> DNA

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<223> Accession number cg42184167

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50

<210> 1475

<211> 51

<212> DNA

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<223> Accession number cg43958656

<400> 1475
ttttttggtg aagtactgaa cttgcctttt tttccggttt ctacatgcag a 51

<210> 1476
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<210> 1477
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<210> 1480
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<210> 1481
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<210> 1491
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<210> 1493

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<223> Accession number cg43945167

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51

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<212> DNA

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<223> Accession number cg43945167

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<210> 1495

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<210> 1496

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<400> 1496

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<223> Accession number cg43262939

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<210> 1498

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<223> Accession number cg43319420

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<210> 1527
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51

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51

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<223> Accession number cg43918792

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<212> DNA

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<223> Accession number cg43937658

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<210> 1538

<211> 51

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51

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<223> Accession number cg43937658

<400> 1539

ccacagaaat acccatggct gtgggctgtg accagcagtg gctgattagg

50

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<210> 1541
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<210> 1542
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<221> misc_feature
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<210> 1543
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acatcagaac cactgactgg tagagtcctt ggaaatcata cagtccaccc a

51

<210> 1544

<211> 51

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51

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<400> 1545

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50

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<210> 1549
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51

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<210> 1552
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<223> Accession number cg43299024

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<400> 1554
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<221> misc_feature
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<210> 1556
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<400> 1556
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<210> 1557
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<212> DNA
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tgtaagaaca aaactggatg gcatccgaat tgtctggaag tttgtcttg g 51

<210> 1558
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<400> 1558
ttgtctggaa gttttgtctt gggcattatg ggctgggcca atgaaatga t 51

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<400> 1559
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<210> 1560
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<223> Accession number cg44003301

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ttatagaaag ttgcagtttaaacgttttc tccaaaataa aaagacaaat g 51

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 <210> 1566
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<210> 1568
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tatctgtttc cccttccttg tcagcatcgg gaagatggta tgaagtcttc t 51

<210> 1569
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gccgatgcat aaagtcagcc tgttocaagt gtcagggac ttagcaaaat g 51

<210> 1570
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<220>
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<223> single nucleotide polymorphism

<221> misc_feature
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taaattgtgac catttttctg gtatgcaata aacttacagc aacaaataat c 51

<210> 1571
<211> 51
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<223> Accession number cg42360692

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taaatgtgac catttttctg gtatgcaata aacttacagc aacaaataat c

51

<210> 1572

<211> 51

<212> DNA

<213> Homo sapiens

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51

<210> 1573

<211> 51

<212> DNA

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<221> misc_feature

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<223> Accession number cg43987514

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51

<210> 1574

<211> 50

<212> DNA

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<223> Accession number cg43301245

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ttcctaagtg aaggtttcaa gctggctttg cagggggtat aattagtatg

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<210> 1575

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<400> 1575
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<210> 1576
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<223> Accession number cg43958670

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<400> 1579
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41

<210> 1580
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<223> single nucleotide polymorphism

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<400> 1580
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51

<210> 1581
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<400> 1581
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51

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<400> 1582
ctcgcggcgg cggggaggct ccatgggcgg cgcggaaga cgctgttatt t 51

<210> 1583
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<223> single nucleotide polymorphism

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<400> 1583
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<210> 1584
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<221> misc_feature
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<400> 1584
ggcggggagg ctccatgcgc ggcgcggaag acgctgttat ttctccggag 50

<210> 1585
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<400> 1585
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<210> 1586

<211> 51
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<400> 1586
taggttgaca acttgatcatg attttaacgg taagccacca tgattgtgtt c 51

<210> 1587
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<223> Accession number cg44034752

<400> 1587
ttgaccttac aaaaaccatt ggaacctgtg actttgaaag gtgctcttgc t 51

<210> 1588
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<400> 1588
ggtgctcttg ctaagcttat atgtggcctg ttaatgaaag tgcttgaaag a 51

<210> 1589
<211> 51
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<400> 1589
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<210> 1590
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<400> 1590
 gctttctctgg gcctctcagt tgaaccaaag cagcaaaaca aaggcagttt t 51

<210> 1591
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<400> 1591
 gaacaagaaa caagtgtgac attttgtgtg gaatctgaaa accaccttag c 51

<210> 1592
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<221> misc_feature
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 <223> Accession number cg43932434

<400> 1592
 ctttaaagaa caaaacacaa aaaacattaa gagtagaaaa ttttatgcta a 51

<210> 1593
 <211> 51
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<221> misc_feature
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51

<210> 1594
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ttaaagaaca aaacacaaaa aacttaaaga gtagaaaatt ttatgctaaa a

51

<210> 1595
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<221> misc_feature
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<400> 1595
aatgcctttt agagcctttc tgtagagata caaatatata tatatatatt t

51

<210> 1596
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<210> 1598
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<210> 1616
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<400> 1617
agaggagtcc aagagcccca acatgttcgc gtgtctctgg tctcaggtc a 51

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<210> 1639
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<210> 1640
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<210> 1643
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<210> 1644
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<210> 1645
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<210> 1646
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<400> 1646
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<210> 1647
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<223> Accession number cg43068999

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<223> Accession number cg43986150

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51

<210> 1649

<211> 51

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<223> Accession number cg44018623

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51

<210> 1651
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<210> 1652
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<210> 1656
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<210> 1659
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<211> 51

<212> DNA

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<211> 50

<212> DNA

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<210> 1677

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49

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<400> 1682

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<210> 1686

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<210> 1696
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<210> 1700
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<210> 1709
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<210> 1711
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<400> 1714
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<400> 1717
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taaaaaacgc ggctgtggag acaggagagc tgctgggaag ccatgttttt g 51

<210> 1719
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<210> 1720
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cctggggggga atgagtataa aaaggtaa atgttttgaag acaggcacga t

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<210> 1733
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<210> 1736
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<400> 1740
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<210> 1741
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<210> 1747
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<210> 1748
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<210> 1752
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<210> 1753
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<210> 1754
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<210> 1756
<211> 51
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<210> 1757
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aaggaagccc cccacttttt ttttttctgc ctgagattct ttaaggagat a

51

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<400> 1758
gattcggact agttttctgt tcttgctttt tttttttatt taattttgca

50

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<400> 1759
ttttctgttc ctgtcttttt tttttattta attttgcaaa taaaaattta

50

<210> 1760
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<223> Accession number cg43956596

<400> 1760

aggatggcag caggtattgg gtcctcagcc ttctggcggg agccctgagg c

51

<210> 1761

<211> 51

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51

<210> 1762

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<212> DNA

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<222> (0)...(0)

<223> Accession number cg43931763

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ttgagctgtg gggaggttcc agcagcagct acagtgacga ctaagactcc a

51

<210> 1763

<211> 51

<212> DNA

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<222> (26)...(0)

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<222> (0)...(0)

<223> Accession number cg43937443

<400> 1763

tcaacaaaca aactacacgt ctttttttcg gtgtaatact ttattttcta t

51

<210> 1764

<211> 51

<212> DNA

<213> Homo sapiens

<220>

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<223> Accession number cg43937443

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aaatctttac tccttaaaga aaaaaatata aactgtggta tttttaagag a 51

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<220>
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<221> misc_feature
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cttttatacc caccccaaca gtctagctct aaagaggata aagccaatga c 51

<210> 1766
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<400> 1766
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<210> 1767
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<221> misc_feature
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<221> misc_feature
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<223> Accession number cg43958815

<400> 1767

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50

<210> 1768

<211> 51

<212> DNA

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<221> misc_feature

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<223> Accession number cg43969995

<400> 1768

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51

<210> 1769

<211> 51

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<223> Accession number cg43969995

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51

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<220>

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<223> Accession number cg43969995

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<210> 1771

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<212> DNA

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<210> 1772
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<210> 1774
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<400> 1775
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<400> 1794
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<210> 1797
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<210> 1800
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<210> 1801
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<210> 1804
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<210> 1805
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51

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50

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41

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51

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<223> Accession number cg42908326

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51

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50

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50

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 <210> 1838

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<400> 1838
gcacaatggc tttatttgtc actgagtggc ggaccaggec tacagcccga g 51

<210> 1839
<211> 50
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<400> 1839
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<400> 1840
gttgaaaggg gtgcttgagc ctttttttc cagaagagca gagaaaatct c 51

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 <210> 1843
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 <210> 1844
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50

<210> 1846
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<210> 1847
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<223> Accession number cg43969804

<400> 1847
ccactttccc tgggggtattg ctttgccttg tgcctccac cccaggaagc

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<210> 1848
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<221> misc_feature
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<210> 1849
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<223> single nucleotide polymorphism

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<223> Accession number cg43969804

<400> 1849
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51

<210> 1850
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<223> single nucleotide polymorphism

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<210> 1851
<211> 51
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51

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cagtgaagtc ttgcatgaga ctcccatcca gcgagttct ccaagctgca 50

<210> 1854
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<210> 1855
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 <210> 1856
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 <210> 1857
 <211> 50
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<400> 1859
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<210> 1860
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<400> 1860
 aactcaagga gtgaaaatca ggaggtgtaa taaaatgttc ctgcattoc c 51

<210> 1861
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<400> 1861
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<210> 1862
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<400> 1862
atgaggcctg gcctgggagc cctgtaccta ctagaagcac attagattat c 51

<210> 1863
<211> 51
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<400> 1863
attaaaaaag cactcccaat acccccattc cataggatta acagctagta t 51

<210> 1864
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<212> DNA
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<223> Accession number cg43925670

<400> 1864
ccaggatat gtacattttt ttagggactt agaccttatt ccataaaca t 51

<210> 1865
<211> 51
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 <223> Accession number cg43925670

<400> 1865
 aaagataatg tttattttatt ttttctaatt atagaagttg tagatgcaaa a 51

<210> 1866
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 <223> Accession number cg43925670

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<210> 1867
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<210> 1868
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 <223> Accession number cg43933380

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<212> DNA
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51

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<400> 1870
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<210> 1871
<211> 51
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<223> Accession number cg43933380

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atatgctata ccaaggcaga gaaaaaaaaa aaagtgaagt ggctacaaag g

51

<210> 1873

<211> 51

<212> DNA

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<223> Accession number cg42489246

<400> 1873

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<212> DNA

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<400> 1874

cacaccatga ggagcgaggg ctccaggtctc cccagggccc tggaaatcca t

51

<210> 1875

<211> 51

<212> DNA

<213> Homo sapiens

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<222> (26)...(0)

<223> single nucleotide polymorphism

<221> misc_feature

<222> (0)...(0)

<223> Accession number cg43956260

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atgaaagagg gcgtatatct caaaaataaa aaaaaaaaaa ggataaaaaa t

51

<210> 1876

<211> 50

<212> DNA

<213> Homo sapiens

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<223> Accession number cg43956260

<400> 1876
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tttttttttt tttttcctct ttcaaaaaaaaa ttttatttta agtccttagt g 51

<210> 1878
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<400> 1878
taagtcctta gtgaatatct aagagaaaaa tataaagtgc ttggctttag a 51

<210> 1879
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<221> misc_feature
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<400> 1879
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<210> 1880
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<221> misc_feature
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<210> 1881
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acatccttgt ggcacatTTTT tttttaattt ttgtaaagggt gaaaaaagct

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<210> 1882
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<221> misc_feature
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<221> misc_feature
<222> (0)...(0)
<223> Accession number cg43082514

<400> 1882
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50

<210> 1883
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<221> misc_feature
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<400> 1883
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<210> 1884
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<222> (26)...(0)
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<221> misc_feature
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<400> 1884
gtgaaaaaag cttttatgag ctcatctagc aatcagattt tcctgtggat t 51

<210> 1885
<211> 51
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<221> misc_feature
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<400> 1885
caaatgtaca tatttacaca cgtccttatg tgttcacaca tgacttaatg g 51

<210> 1886
<211> 51
<212> DNA
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<400> 1886
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 <210> 1889
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 <400> 1889
 agctcctctg aggctgaggg agcattgcc cgaaggaccc cactttcctt c 51
 <210> 1890

<211> 51
 <212> DNA
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<220>
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 <222> (26)...(0)
 <223> single nucleotide polymorphism

<221> misc_feature
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 <223> Accession number cg42918267

<400> 1890
 taagctaaaa acaaaatcaa ccgggtcccc agcttttcag aactgcaggg a 51

<210> 1891
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<400> 1891
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<210> 1892
 <211> 51
 <212> DNA
 <213> Homo sapiens

<220>
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<221> misc_feature
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 <223> Accession number cg42918267

<400> 1892
 ggaccccgagc ttttcagaac tgcagagaaa cagccatcat gagtgaggtc a 51

<210> 1893
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<221> misc_feature
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<400> 1893
tcacccatct cagcaagccc agaagcatct gcaatatcta cgatggcctc g 51

<210> 1894
<211> 51
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<221> misc_feature
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<400> 1894
agcccagaag tatctgcaat atctatgatg gcctcgocct ttgctttact g 51

<210> 1895
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<400> 1895
gatagagtac gtgggataca ggtcatgggc agactcctgg cctcaatgat g 51

<210> 1896
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<400> 1896
cctcaatgat gcctcctgat ctatccctag gcctggacga ccaacactgg g 51

<210> 1897
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<223> Accession number cg44339782

<400> 1897
gatagagtac gtgggataca ggtcatgggc agactcctgg cctcaatgat g 51

<210> 1898
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<212> DNA
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<400> 1898
cctcaatgat gcctcctgat ctatccotag gcctggacga ccaacactgg g 51

<210> 1899
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<221> misc_feature
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<400> 1899
tttttttttt tttttttctc atttaaaaat atttattgag c 41

<210> 1900
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<223> Accession number cg43922672

<400> 1900
caccagcaa aagggtgttc ctaaagtaag ggcagagtca cacgggggca g 51

<210> 1901
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51

<210> 1902
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<221> misc_feature
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<210> 1903
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<221> misc_feature
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tttatgtaag tcataatttat attttaagaa gtaccacttg aaacatttta

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<210> 1904
<211> 50
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 <210> 1905
 <211> 51
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 <210> 1906
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 <400> 1906
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 <210> 1907
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 <400> 1907
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<210> 1908
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<221> misc_feature
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<223> Accession number cg43987278

<400> 1908
acagagtaac aaagatTTTT ctTTaataaa tgtatttcaa cgaaaatgaa

50

<210> 1909
<211> 50
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<221> misc_feature
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<400> 1910
cttctaacca cctgtctcc agctgtctgc acacatggac agggacctgg

50

<210> 1911
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<400> 1911
gacagggacc tgggaaaggt gggagggatg ctgagcccag cgaatcctct c 51

<210> 1912
<211> 51
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cctgggcagc gctcgcccgg ggagtccagc ggtgtcctgt ggagctgccg c 51

<210> 1913
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<400> 1913
attccggttt tttttttttt ttttttggca ttttcaagat tttattgtaa a 51

<210> 1914
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<223> Accession number cg43278750

<400> 1914
agttctctaa atgttgcttt tctcaaactg tttatccata tttcaatcct t 51

<210> 1915
<211> 51
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<400> 1915
tctaaatggt gcttttctca gcttgcttat ccatatttca atccttggaa c 51

<210> 1916
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<400> 1916
atccatattt caatccttgg aactgcccag ctcccatgac tctatgocca c 51

<210> 1917
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<223> Accession number cg43278750

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<210> 1918
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<400> 1918
tatttcaatc cttggaactg tccagttccc atgactctat gccaccaag c 51

<210> 1919
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ttggaactgt ccagctccca tgactgtatg cccaccaagc tcttgaattt t 51

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<210> 1922
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<210> 1923
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<400> 1923
ttttttttttt aggatgggag gtgcgagagg ttctctcagc ccaggggggt g 51

<210> 1924
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<400> 1924
tttttttttta ggatgggagg tgcgttaggt tctctcagcc caggggggtg c 51

<210> 1925
<211> 51
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<400> 1925
gtaaggacag ccttcactgt gcctttgagc tgctttccgc tccctgggct c 51

<210> 1926
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<400> 1926
tggcagggat gttctagaaa tggggttggt tcctctagct accccaaatg 50

<210> 1927
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<400> 1927
aactgaacat tccagagcgt gtagttaatc acgtaaagct agaaatgatc c 51

<210> 1928
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<223> Accession number cg43933187

<400> 1928
tttttttttt tttttttttt ttttttcaat gtttagaaca ttttattaaa g 51

<210> 1929
<211> 51
<212> DNA
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<400> 1929
tagacacagc caaagtgttt ttctttggcc tctgatgatt tgagaagatg a

51

<210> 1930
<211> 50
<212> DNA
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<221> misc_feature
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<223> Accession number cg43951261

<400> 1930
cttgtagaat tgttatagac tgccggcatt agcacagatt ttaattgtca

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<210> 1931
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<400> 1931
gaccagccag ggcaacatgg tgaaacccca tctctactaa aaaacaaaaa

50

<210> 1932
<211> 51
<212> DNA
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<400> 1932
ggtgaaaacc ccattctctac taaaatacaa aaaattagcc aggtgtggcg g 51

<210> 1933
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<223> single nucleotide polymorphism

<221> misc_feature
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<400> 1933
gctacttagg aggctgaggc aggaggatca cctgaacaca ggaggtagag g 51

<210> 1934
<211> 51
<212> DNA
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<221> misc_feature
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<400> 1934
taggaggctg aggcaggaga atcacttgaa cacaggaggt agaggctgca g 51

<210> 1935
<211> 51
<212> DNA
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<223> single nucleotide polymorphism

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<400> 1935
aggctgaggc aggagaatca cctgagcaca ggaggtagag gctgcagtga g 51

<210> 1936
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<222> (0)...(0)
<223> Accession number cg40915009

<400> 1936
tgaggcagga gaatcacctg aacacgggag gtagaggctg cagtgagccg t

51

<210> 1937
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<222> (26)...(0)
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<221> misc_feature
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<400> 1937
tttttacctc ctccgtggca tctttgtttt tctacatggg atgtgaacaa c

51

<210> 1938
<211> 50
<212> DNA
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<221> misc_feature
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<400> 1938
tggtggcag aggagagctg gggagctgca gcctttacag cagacagcag

50

<210> 1939
<211> 51
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<222> (0)...(0)
<223> Accession number cg43969064

<400> 1939
agaaacacat tagggatcat attcacagac aaaaaccttt acattttctt a

51

<210> 1940
<211> 51
<212> DNA
<213> Homo sapiens

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<222> (26)...(0)
<223> single nucleotide polymorphism

<221> misc_feature
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<223> Accession number cg44001328

<400> 1940
tgtggaagat aagagttaga gacctaggcc tcctggtcag tggagccctt g

51

<210> 1941
<211> 50
<212> DNA
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<221> misc_feature
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<221> misc_feature
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<223> Accession number cg44001328

<400> 1941
cctcggcctc ctggtcagtg gacccttggc ctcatgcctg gtgggctaag

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<210> 1942
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<212> DNA
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<221> misc_feature
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<400> 1942
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<210> 1943
<211> 50
<212> DNA
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<221> misc_feature
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<221> misc_feature
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<400> 1943
agcagctcca gggccctgag ttcctccaga ggctggagag caggcagotg 50

<210> 1944
<211> 51
<212> DNA
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<221> misc_feature
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<223> Accession number cg43958501

<400> 1944
tcacatagaa aagctaaaga caaaacactg gtaccaaaca tagcccttag g 51

<210> 1945
<211> 44
<212> DNA
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<220>
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<222> (19)...(0)
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<221> misc_feature
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<223> Accession number cg43958501

<400> 1945
tttttttttt tttttttttt ttgaaaatac tggatttaat agaa 44

<210> 1946
<211> 50
<212> DNA
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<221> misc_feature
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<221> misc_feature
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<223> Accession number cg44004587

<400> 1946
tgtttatcac agcctactaa aaacaagagt ttactcatt tgttcaaatt 50

<210> 1947
<211> 50
<212> DNA
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<221> misc_feature
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<400> 1947
gcaaagatta aattaagttt tattttctgc tctcatttta caataatctc 50

<210> 1948
<211> 51
<212> DNA
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<223> Accession number cg44004587

<400> 1948
aaagtcattc taagtttggt aagcacataa atttttctgt aatcatttac c 51

<210> 1949
<211> 51
<212> DNA
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<223> Accession number cg44004587

<400> 1949
gtacaatttt taacattaat atacatattc cataatctca tctatttaac a 51

<210> 1950

<211> 50
<212> DNA
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<221> misc_feature
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<210> 2010
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<223> Accession number cg43957153

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aatccacgtt tatttttctt gtgtccgaag tggtctatgt aatgacattg a 51

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<210> 2051
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<210> 2052

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<212> DNA

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<210> 2059
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<210> 2064
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<210> 2069
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<210> 2077
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<400> 2097
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<210> 2098
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46

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tagtaatcat tggatgcatg atgggcaggg ccggtgatgg tgcttcccc

50

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<400> 2109
ctcattatgt agtctggcta cagcctcaaa aacagcttat actcttaaga 50

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gtgactaaag caacagtaag cagtaagggtg cactgaagta catactgccg c 51

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<223> Accession number cg43933472

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51

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<223> Accession number cg43933472

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51

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cacacatggg gctccccagg caaggcacct gctgacagag gtgaaggcga

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<223> Accession number cg43929069

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51

<210> 2115

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<212> DNA

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<210> 2117
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taagcagaac aagaacaaaa tcaaaacgct ttaacgcgta tagagagatc a 51

<210> 2118
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<400> 2118
tgcagaatgt tgttggttac tgttgtcccc gagccctca actcgccccg

50

<210> 2119
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<212> DNA
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aagcaattct acctgccttg gcctctcaaa gtgctagaat tacaggcata a

51

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<210> 2161

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<210> 2167
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51

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<223> Accession number cg42866488

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47

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46

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<210> 2447

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<212> DNA

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51

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51

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<212> DNA

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<210> 2578
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51

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51

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<210> 2591
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<210> 2592

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<210> 2599
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50

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<223> Accession number cg43282997

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<223> Accession number cg43993893

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<223> Accession number cg43993893

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<212> DNA

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<223> Accession number cg43916712

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<210> 2613

<211> 50

<212> DNA

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<210> 2626
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50

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<223> Accession number cg42937321

<400> 2632

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50

<210> 2633

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<212> DNA

<213> Homo sapiens

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<223> Accession number cg42937321

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gaaccacggc tacgcggagc cccgcgcagg ccgcgagctg ccgcccgaca 50

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<210> 2636
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<221> misc_feature
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<400> 2636
cttggtctgc ctatgccctt gtttttatac atttccagac cattcatcaa g 51

<210> 2637
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<221> misc_feature
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<400> 2637
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50

<210> 2638
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51

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51

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<400> 2642
gtccccactc aactgactca tacctttttc cggctgcac actatgtgcc c 51

<210> 2643
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<400> 2643
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<210> 2644
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50

<210> 2645
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<223> Accession number cg43262191

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51

<210> 2646
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51

<210> 2647
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<400> 2648
 ccctcagaca gcaaagccta cccccgcgc cgcgccctgc cgccgctgc g 51

<210> 2649
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<400> 2651
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<210> 2652

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<212> DNA

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<223> Accession number cg43951366

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<210> 2653

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<223> Accession number cg43951366

<400> 2653
ttggatttaa atctgtaaaa tcagatgaaa ttttactaca attgcttggt a 51

<210> 2654

<211> 50

<212> DNA

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<223> Accession number cg43306254

<400> 2654
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<400> 2655
gccgacctcc gccgccgcc gccgccgtct gcccctccc gctgcggctc 50

<210> 2656
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<400> 2656
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<210> 2657
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<400> 2657
gagccctggc gccgccgcgg ccgcgtccca gcagcggagt agggcggcgg 50

<210> 2658
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<223> Accession number cg42913398

<400> 2658
tacaacataa aaaataaaat aagcagactg tctgaggggt ttatataagg t 51

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<400> 2660
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<210> 2661
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<400> 2661
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51

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<400> 2662
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50

<210> 2663
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 <212> DNA
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<400> 2663
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<223> Accession number cg43986296

<400> 2664

catctgctct gcagtcctgc cgcagattcc ctagtgaagc agctcaggcc

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<211> 50

<212> DNA

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<222> (0)...(0)

<223> Accession number cg43986296

<400> 2665

cttctcaact tatatgtggg aagggtcccc catgcttggg ggacctaggc

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<210> 2666

<211> 50

<212> DNA

<213> Homo sapiens

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<223> Accession number cg44932353

<400> 2666

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<210> 2667

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<223> Accession number cg43306871

<400> 2667

gtgttaagcc ttacatgaca atcacatgaa gatttacata cacatgttat

50

<210> 2668

<211> 50

<212> DNA

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<223> Accession number cg43306871

<400> 2668

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50

<210> 2669

<211> 50

<212> DNA

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<223> Accession number cg43306871

<400> 2669

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50

<210> 2670

<211> 51

<212> DNA

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<221> misc_feature

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<223> Accession number cg43306871

<400> 2670

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51

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<223> Accession number cg43306871

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51

<210> 2672
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<221> misc_feature
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<223> Accession number cg43923853

<400> 2672
acactttaag ataccattac atgctgtgtg tatttacaaa agttacaggt c

51

<210> 2673
<211> 51
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<400> 2673
gaaaaaagaa actgtcattg acaaacgcga gctcattttt tgagcaacaa g

51

<210> 2674
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<400> 2674
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<210> 2675
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<210> 2676
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<220>
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<223> Accession number cg42918089

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ttttgaatgt ctttcactcc ttttatggat aaactccttt atggtgtgac t 51

<210> 2677
<211> 51
<212> DNA
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<400> 2677
tgaatgtctt tcactccttt taagggtaaa ctcttttatg gtgtgactgt g 51

<210> 2678
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tttatggtgt gactgtgtct tattocatct atacttgcag tgggtagatg t 51

<210> 2679
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<400> 2679
gtgtgactgt gtcttattca tctatgactt gcagtgggta gatgtcaata a 51

<210> 2680
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<400> 2681
gactgtgtct tattcatcta tactttgcag tgggtagatg tcaataaatg t 51

<210> 2682

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<400> 2682
actgtgtctt attcatctat acttgctcagt gggtagatgt caataaatgt t 51

<210> 2683
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<400> 2683
gtcttattca tctatacttg cagtgcggtg gatgtcaata aatggtacat a 51

<210> 2684
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<221> misc_feature
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<223> Accession number cg42918089

<400> 2684
tcttattcat ctatacttgc agtggcgtag atgtcaataa atggtacata c 51

<210> 2685
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<221> misc_feature
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<223> Accession number cg42918089

<400> 2685
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<210> 2686
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<223> Accession number cg42918089

<400> 2686
catacacaaa taaataaaat gtttagtcca tggtaaattt aaaaaaaacc g 51

<210> 2687
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<212> DNA
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<223> Accession number cg42918089

<400> 2687
atacacaaat aaataaaatg tttatgccat ggtaaattta aaaaaaacccg c 51

<210> 2688
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aaatgtttat tccatggtaa atttacaaaa aaccgccgat actgacgggc 50

<210> 2689
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 <223> Accession number cg42918089

<400> 2689
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49

<210> 2690
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<400> 2690
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50

<210> 2691
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<400> 2691
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<210> 2692
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<210> 2694
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47

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<223> Accession number cg43920929

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<210> 2750
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51

<210> 2751
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<210> 2756
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<400> 2756

atatcttgac acotgccaaa gcttcacagca cgggaaaatg agaaacactg g 51

<210> 2757

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45

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<210> 2767

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50

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<210> 2780
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<223> Accession number cg43931165

<400> 2781
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<210> 2782
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<210> 2783
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<210> 2784
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51

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51

<210> 2786

<211> 51

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<223> Accession number cg43947066

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51

<210> 2787

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51

<210> 2788
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50

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51

<210> 2790
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<210> 2791
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<210> 2793
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<210> 2794
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 <210> 2797
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 <210> 2798

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<400> 2798
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<210> 2799
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<400> 2800
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<210> 2802
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<210> 2803
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<400> 2804
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<210> 2805
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<400> 2805
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<210> 2806
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<400> 2806
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<210> 2807
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<400> 2807
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<210> 2808
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<400> 2808

atgctgggga cactacaggc acacacagga atagcagggc caccctcaga g 51

<210> 2809
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<210> 2810
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<210> 2854
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51

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51

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<223> Accession number cg43977322

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<210> 2899
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51

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<223> Accession number cg43987111

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<223> Accession number cg43981333

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<210> 2918

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<212> DNA

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<223> Accession number cg43272560

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<400> 3058
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<210> 3066

<211> 51

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<223> Accession number cg43040273

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<210> 3077
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<210> 3080
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<400> 3084
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51

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<223> Accession number cg43335558

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gagacagtgc ttcgacaagt ttgcagacat ggtgcccttt gactcctggg a

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<221> misc_feature
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<400> 3092
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<221> misc_feature
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<400> 3094
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 <223> Accession number cg44027791

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<221> misc_feature

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<223> Accession number cg43933098

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<210> 3117

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<223> Accession number cg43933098

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51

<210> 3142

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<400> 3148
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50

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47

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<210> 3154
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51

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51

<210> 3156
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cacatgtgtg tgcattgagc catgtctgcg cgtggggggg ctctaactgc a

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<400> 3177
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<223> Accession number cg43935832

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50

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50

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51

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<223> Accession number cg43917396

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<223> Accession number og44928765

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<210> 3263
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<210> 3264
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<210> 3297

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51

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51

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50

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tattttcatcc aaatcaagct aaaatttatt taagttgatt ctgagagtac a 51

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agtagctttt cagcattcag ttttgtggct catgggaaat gttacttagc a 51

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caggaattta aaaccaagga taagatatgc ctttgtcaaa tcttggttcc a 51

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<400> 3457
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<400> 3458
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51

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<210> 3460
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<400> 3460

gagcttggtcc ggtttcgagt cgctggcctg cagcttccct gtggtttccc g

51

<210> 3461

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<223> Accession number cg44927137

<400> 3461

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51

<210> 3462

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<223> Accession number cg44927137

<400> 3462

tttgtctata aatggagctg tttatagcaa tttaatacca ttctctttgt a

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<223> Accession number cg43308354

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<212> DNA

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<221> misc_feature

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<223> Accession number cg43308354

<400> 3465

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<210> 3466

<211> 50

<212> DNA

<213> Homo sapiens

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<223> Nucleotide deleted between bases 25 and 26

<221> misc_feature

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50

<210> 3467

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<212> DNA

<213> Homo sapiens

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<400> 3467

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50

<210> 3468

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<223> Accession number cg43308354

<400> 3468

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<223> Accession number cg43918935

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51

<210> 3472

<211> 51

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<221> misc_feature

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<223> Accession number cg43925942

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<210> 3473

<211> 51

<212> DNA

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<223> single nucleotide polymorphism

<221> misc_feature

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<223> Accession number cg43925942

<400> 3473

atgggtttttc tctcagttct ctaagttggt ctatgttata gctctagcag t

51

<210> 3474

<211> 51

<212> DNA

<213> Homo sapiens

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<223> single nucleotide polymorphism

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51

<210> 3475

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<400> 3475
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51

<210> 3476
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51

<210> 3477
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51

<210> 3483
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<210> 3485
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<400> 3485
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<400> 3487
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<400> 3489
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51

<210> 3491
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<210> 3496
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<210> 3497
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<400> 3497
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<210> 3498
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<400> 3498
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51

<210> 3500
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<400> 3500
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51

<210> 3501
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51

<210> 3502
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<400> 3560
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<400> 3561
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<210> 3562
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<210> 3563
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<210> 3564
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<210> 3574
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<210> 3575
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<400> 3576
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<400> 3577
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<223> Accession number cg43932638

<400> 3578
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<210> 3579
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<400> 3579
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<210> 3581
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51

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<400> 3582
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50

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<210> 3585

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<400> 3585

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<212> DNA

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<400> 3586

attttttattc atttttaaadc aaagaaacca ttccatttcc taacaaacag g

51

<210> 3587

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<400> 3587

cagtctttcc ctgttttgaa caagtctttt tgagaattct tagtttttagt t

51

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<400> 3589
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<400> 3591
acaagaggaa gtgcctgcgg gttocctttt tagaagcttt gtgggttgat t 51

<210> 3592
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<400> 3592
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<210> 3593
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<400> 3593
ctacatttta tctgtaaaat gtgacttttt ttttttttat cacaacagaa

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<400> 3594
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<400> 3595
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<210> 3596
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<210> 3599
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51

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<400> 3602
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<210> 3603
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<210> 3604
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<400> 3604

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<210> 3605

<211> 50

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<223> Accession number og43968223

<400> 3605

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<221> misc_feature

<222> (0)...(0)

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<223> Accession number cg44018598

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<210> 3610
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<213> Homo sapiens

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<222> (25)...(26)

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<223> Accession number cg43928515

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<223> single nucleotide polymorphism

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<400> 3618
tttttttttt tttttcttaa ttttaggaaga ttttattttt t 41

<210> 3619
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<210> 3620
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51

<210> 3622
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<400> 3622
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51

<210> 3623
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<222> (25)...(26)
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50

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<400> 3624

ccaagaaaca gaagacaagg cggacttgag gaggaagggg acagttgcag t

51

<210> 3625

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<212> DNA

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<223> Accession number cg43945577

<400> 3625

cactctgctg aacagaattt attttttgag tcaaataataa tttattatta t

51

<210> 3626

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51

<210> 3627

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<212> DNA

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<210> 3628

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<223> Accession number cg43955093

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<210> 3631

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<223> Nucleotide deleted between bases 25 and 26

<221> misc_feature

<222> (0)...(0)

<223> Accession number ~~cg~~43955093

<400> 3631

cattttcttg cagtatttct aaaagtttgc cagagtcaaa aatccaagtt

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<210> 3632

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<223> Accession number cg43955093

<400> 3632

agtatttcta aaagctttgc cagagccaaa aatccaagtt tggattctaa g

51

<210> 3633

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<223> Accession number cg43955093

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51

<210> 3634

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<223> Accession number cg43955093

<400> 3634

ctcatgttac taacaggctg taatcatca gctggattaa ggaaaaaagc t

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<210> 3635

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<223> Accession number cg44014894

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tttctacatc tgcaagacaa gtttgcttca gccattatgt atagatagat

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<212> DNA

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<223> Accession number cg43055918

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50

<210> 3637

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<223> Accession number cg43936393

<400> 3637

aaacaagttt cagtaaaaaa aaaaaactaa aacaaacact gaagtagagt t

51

<210> 3638

<211> 51

<212> DNA

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<223> Accession number cg43936393